

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					Page 1 of 1		
					August 2001		
TO: St. Johns Water Management District, 7775 Baymeadows Way Suite 102, Jacksonville, FL				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE St. Johns River, Jacksonville to Lake Harney, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

St. Johns River: From the Hart Bridge at Jacksonville to the Florida East Coast Railroad/Acosta Bridge.	Jun-2001	200	2.4	30	*	25.9 (1)	*
From the Florida East Coast Railroad/Acosta Bridge to the State HWY 16 Bridge	Jun-2001	200	25.7	13	*	12.8	*
From the State HWY 16 Bridge to the US HWY 17 Bridge at Palatka	Jun-2001	200	28.5	13	*	11.6 (2)	*
From the US HWY 17 Bridge at Palatka to the Buffalo Creek Railroad Bridge	Jun-2001	100	10.9	12	*	6.8 (3)	*
From Buffalo Creek Railroad Bridge to the Putnam/Volusia County Border	Jun-2001	100	22.3	12	*	10.3 (4)	*
From the Putnam/Volusia County Border to SR 44 Bridge at Crows Bluff	Jun-2001	100	31.5	12	*	8.7 (5)	*
From the SR 44 Bridge at Crows Bluff to US 17 Bridge in Lake Monroe Park	Jun-2001	100	18.3	12	*	10.9 (6)	*
From the US 17 Bridge in Lake Monroe Park to the entrance of Lake Harney	Jun-2001	100	27.2	5	*	2.7 (7)	*

Remarks:

1. Shoaling located just west of the Hart Bridge, in vicinity of red Lighted Buoy-80. Shoaling also located east of the Florida East Coast Railroad/Acosta Bridge.
2. Shoaling located approximately 1,300 feet north of red Light-38 and extends 900 feet southward. Spot shoaling located 1,500 feet south of red Light-44.
3. Shoaling is located in vicinity of green Light-19. Shoaling also located just east of green Light-23.
4. Spot shoaling located in vicinity of green Light-33 and red Light-34. Spot shoaling is also located approximately 1,000 feet north of green Light-41 to red Daybeacon-42A, and again at red Light-48. Spot shoaling located just north of green Light-53.
5. Shoaling is located from 1,000 feet north of green Light-7 to 600 feet south of red Daybeacon-6. Shoaling is located from 2,300 feet south of green Daybeacon-6 to green Light-17, just south of the Volusia Bar. Spot shoaling located from red Light-4 to green Daybeacon-13. Spot shoaling also located just east of Deadmans Bend and again in vicinity of Devils Elbow.
6. Spot shoaling located from green Daybeacon-43 to green Light-63. Shoaling also located from red Light-116 and extending eastward for approximately 2,000 feet.
7. Shoaling is located from green Light-15 and extends 1,000 feet northward. Shoaling located approximately 2,000 feet west of red Light-2 to 600 feet east of red Daybeacon-4. Spot shoaling is located from 1,500 feet east of green Light-7 to the entrance of Lake Harney.